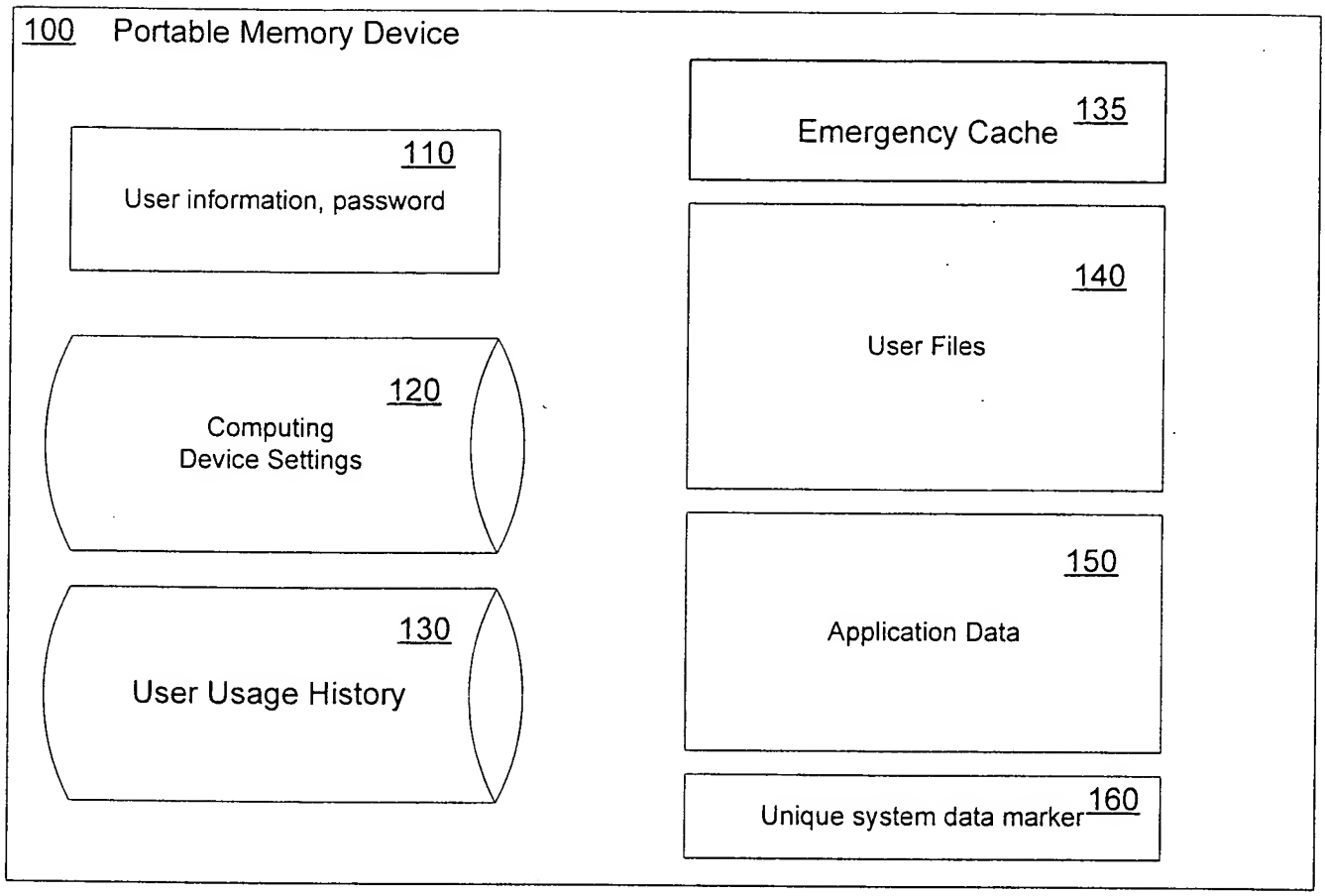
100 Portable Memory Device
110
User information, password
120
Computing Device Settings
130
User Usage History
Emergency Cache 135
140
User Files
150
Application Data
Unique system data marker 160

FIG. 1A

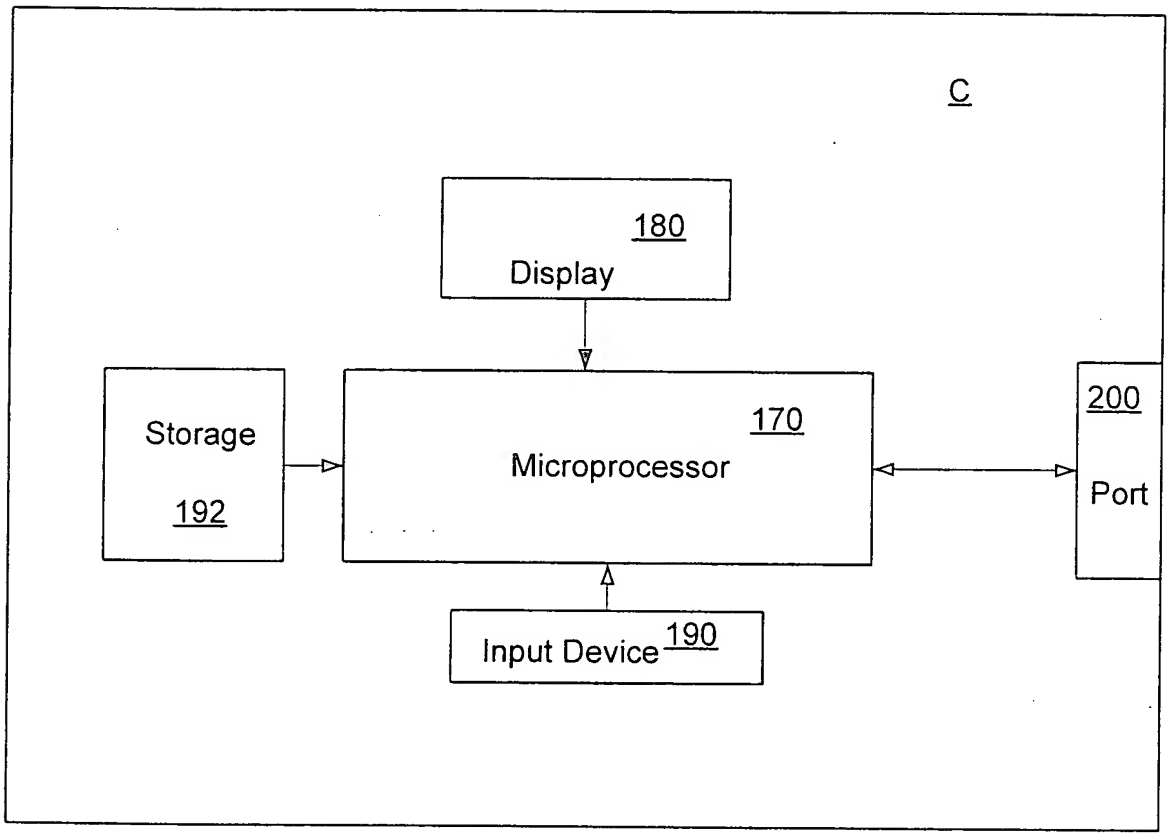
C
180
Display
Storage
192
170
Microprocessor
200
Port
Input Device
190

FIG 1B

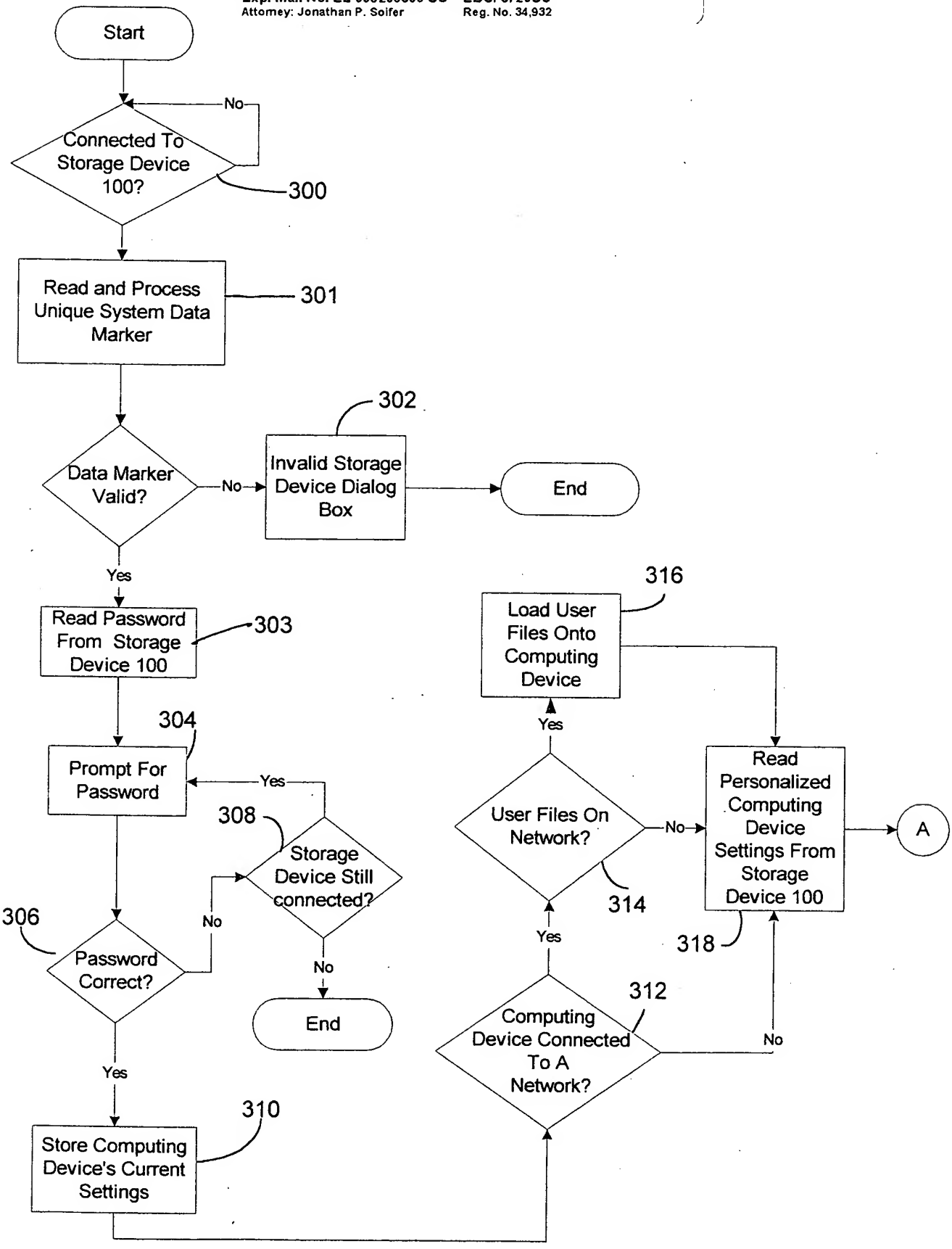
Start
Connected To Storage Device 100?
No
300
Read and Process Unique System Data Marker
301
Data Marker Valid?
No
302
Invalid Storage Device Dialog Box
End
Yes
Read Password From Storage Device 100
303
304
Prompt For Password
Yes
308
Storage Device Still connected?
No
End
306
Password Correct?
No
Yes
310
Store Computing Device's Current Settings
316
Load User Files Onto Computing Device
Yes
User Files On Network?
No
314
Read Personalized Computing Device Settings From Storage Device 100
318
A
Yes
Computing Device Connected To A Network?
312
No

FIG. 2A

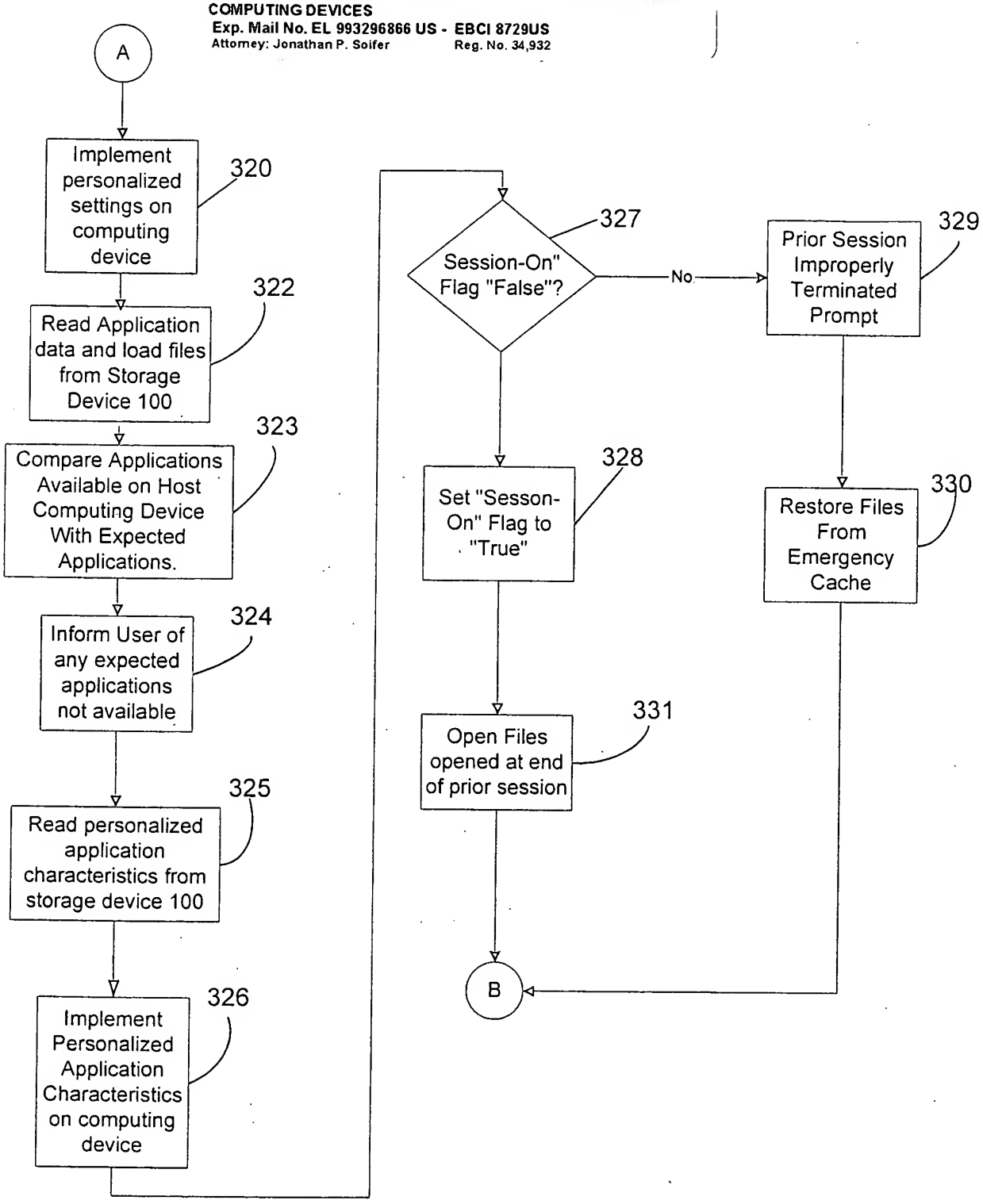
A
Implement personalized settings on computing device
320
Read Application data and load files from Storage Device 100
322
Compare Applications Available on Host Computing Device With Expected Applications.
323
Inform User of any expected applications not available
324
Read personalized application characteristics from storage device 100
325
Implement Personalized Application Characteristics on computing device
326
Session-On" Flag "False"?
327
No
Prior Session Improperly Terminated Prompt
329
Set "Sesson-On" Flag to "True"
328
Restore Files From Emergency Cache
330
Open Files opened at end of prior session
331
B

FIG. 2B

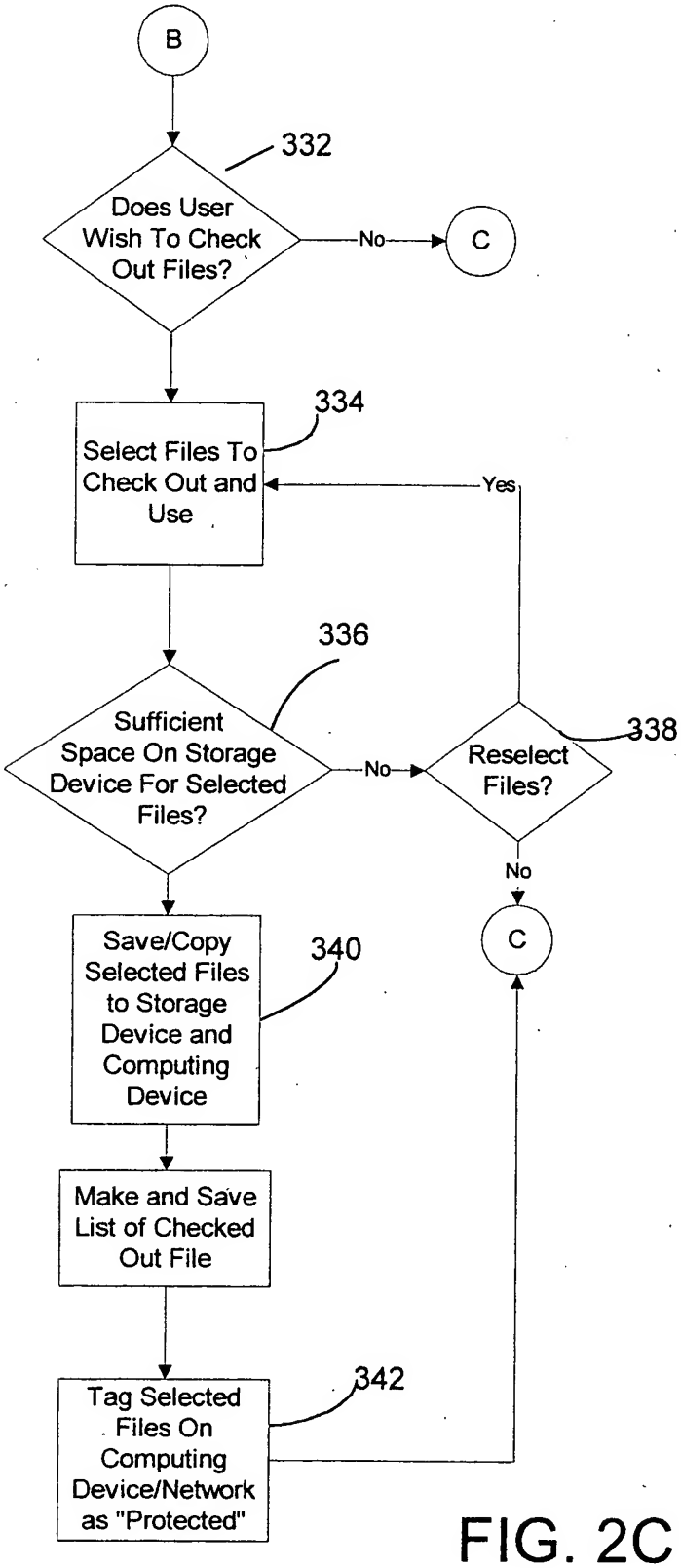
B
332
Does User Wish To Check Out Files?
No
C
334
Select Files To Check Out and Use
Yes
336
Sufficient Space On Storage Device For Selected Files?
No
Reselect Files?
338
No
C
Save/Copy Selected Files to Storage Device and Computing Device
340
Make and Save List of Checked Out File
Tag Selected Files On Computing Device/Network as "Protected"
342

FIG. 2C

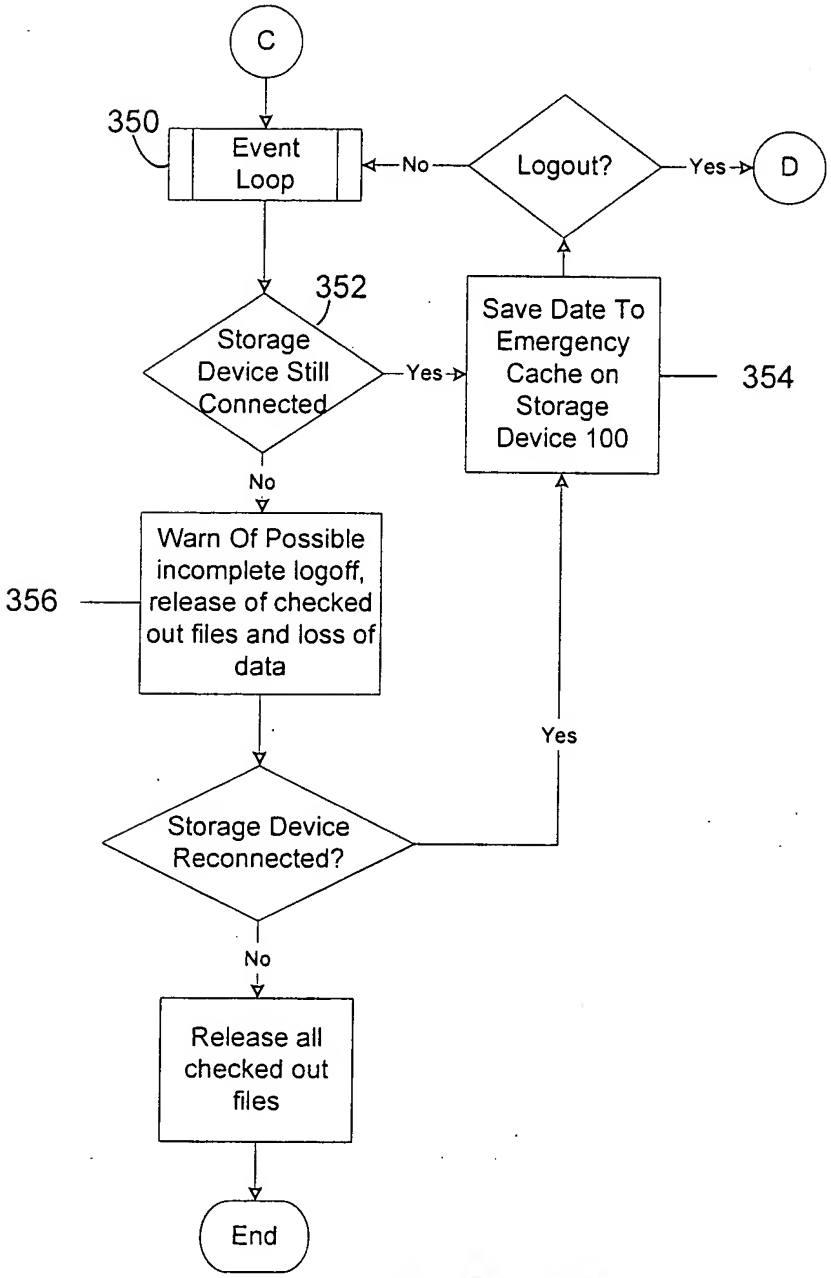
C
350
Event Loop
No
Logout?
Yes
D
352
Storage Device Still Connected
Yes
Save Date To Emergency Cache on Storage Device 100
354
No
356
Warn Of Possible incomplete logoff, release of checked out files and loss of data
Yes
Storage Device Reconnected?
No
Release all checked out files
End

FIG. 2D

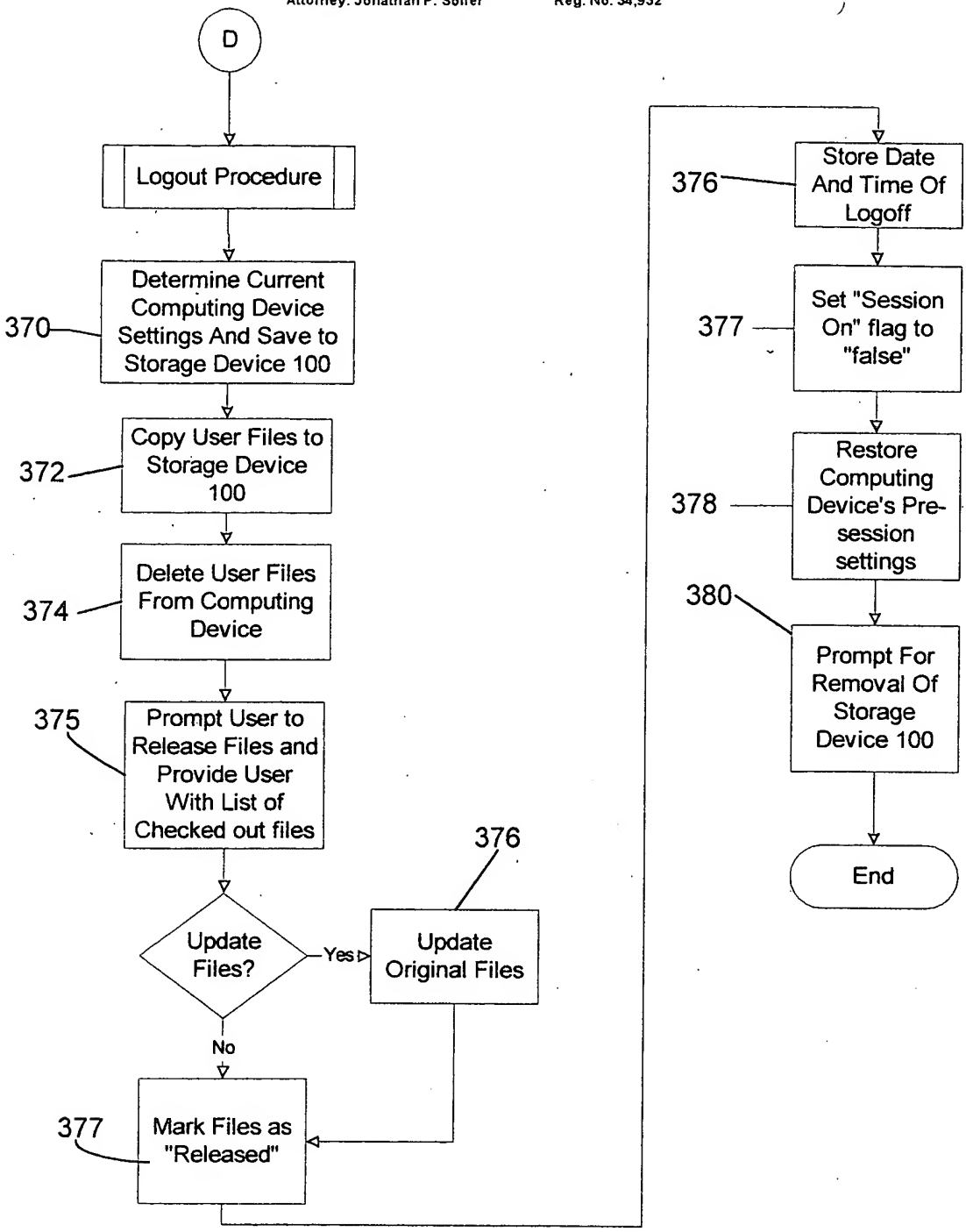
D
Logout Procedure
Determine Current Computing Device Settings And Save to Storage Device 100
370
Copy User Files to Storage Device 100
372
Delete User Files From Computing Device
374
Prompt User to Release Files and Provide User With List of Checked out files
375
Update Files?
Yes
Update Original Files
376
No
Mark Files as "Released"
377
Store Date And Time Of Logoff
376
Set "Session On" flag to "false"
377
Restore Computing Device's Pre-session settings
378
Prompt For Removal Of Storage Device 100
380
End

FIG. 2E

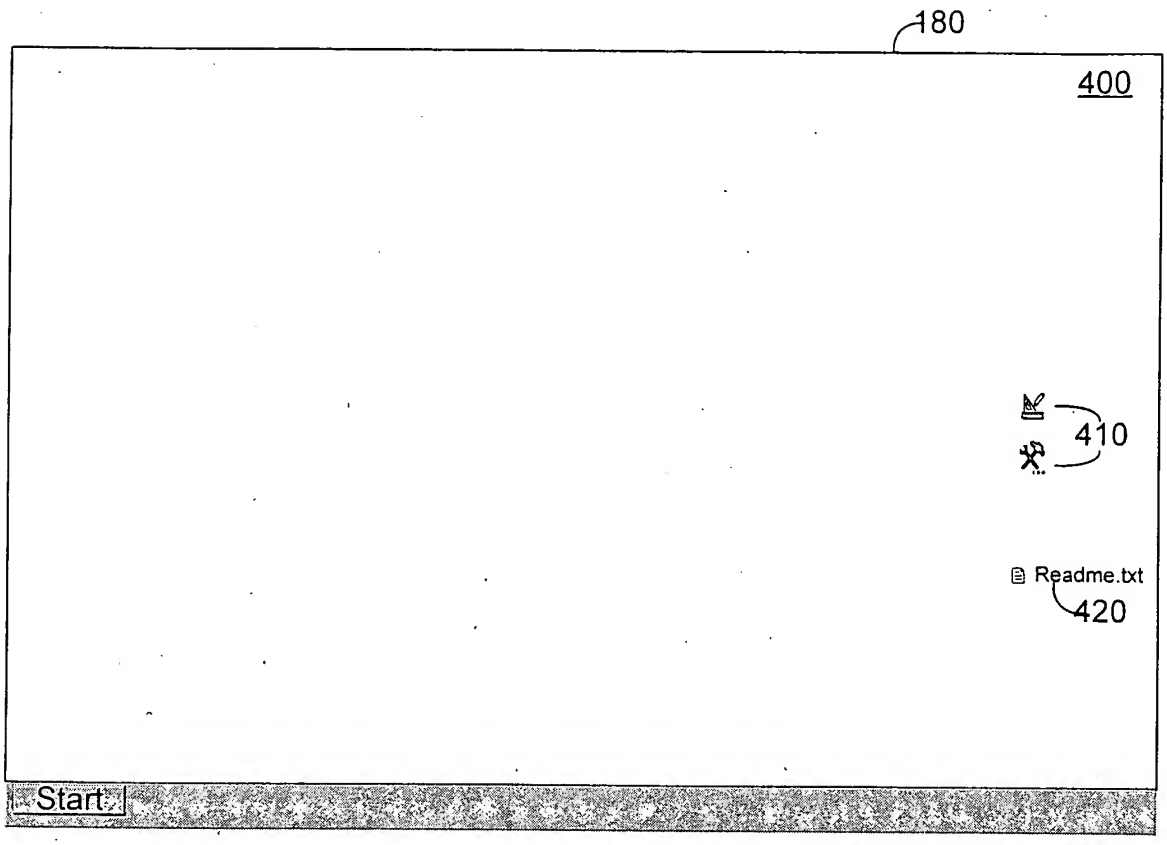

FIG. 3

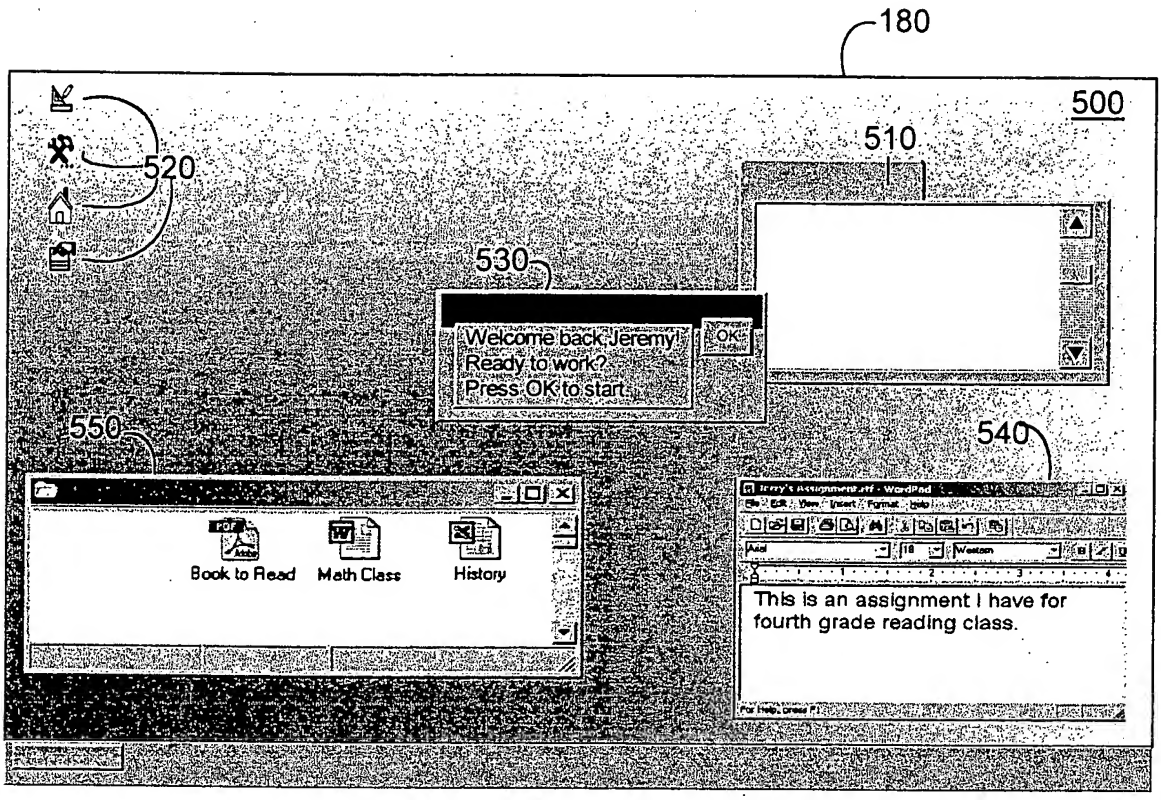

FIG. 4

BEST AVAILABLE COPY